

#3

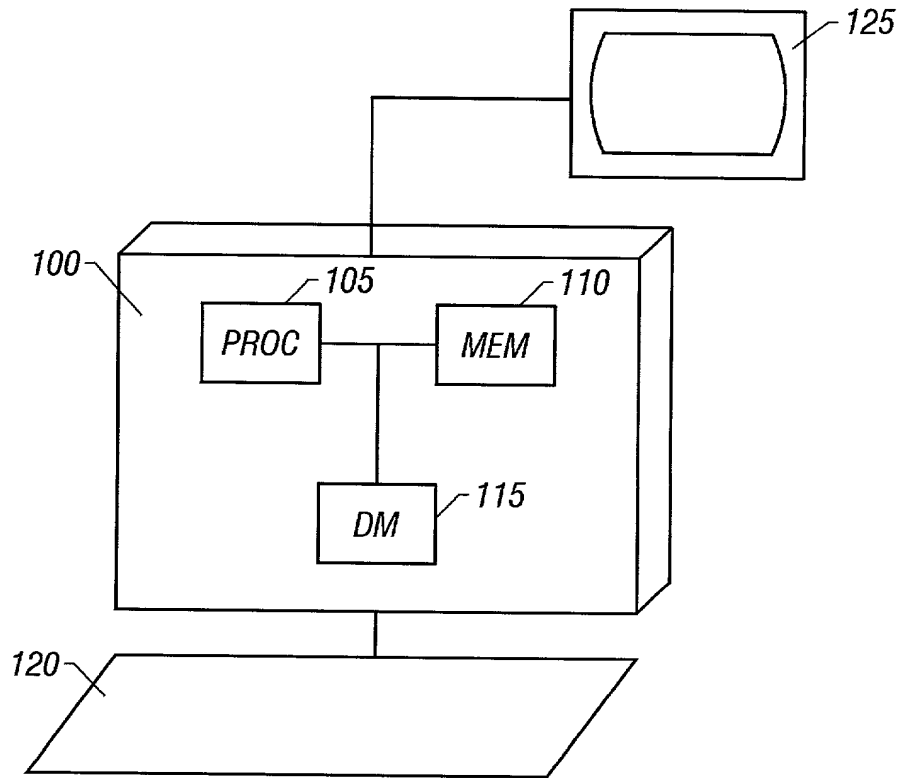


FIG. 1

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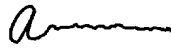

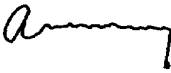

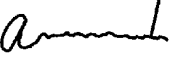

PATH # USED IN THE PROTOTYPE STUDY NOTEBOOK	SILHOUETTE	DEFINITION OF PROFILE
.001		CAPITAL "A" WITH NO "POLES" OR "HOLES" (NO PROTRUDING LETTERS LIKE "b, d, h, k, l" ABOVE MIDLINE OR BELOW BASELINE SUCH AS "g, p, y, z, x, ETC.")
.002		CAPITAL "A" WITH ONE "HOLE" (DOWN STROKE) SOMEWHERE IN THE MIDDLE OF THE WORD --AT LEAST ONE LETTER AWAY FROM THE CAPITAL "A" AND NOT AT THE END.
.003		CAPITAL "A" WITH ONE "HOLE" (DOWN STROKE) AT THE END.
.005		CAPITAL "A" WITH ONE "POLE" (HIGH STROKE) SOMEWHERE IN THE MIDDLE OF THE WORD --AT LEAST ONE LETTER AWAY FROM THE CAPITAL "A" AND NOT AT THE END OR NEXT TO THE END.
.006		CAPITAL "A" WITH ONE "POLE" (HIGH STROKE) LOCATED ONE LETTER AWAY FROM THE END --SUCH AS "-le, -ly, -de, -te, -dy, -by, ETC."
.007		CAPITAL "A" WITH ONE "POLE" (HIGH STROKE) LOCATED AT THE END.

FIG. 2A

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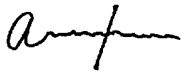
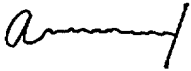
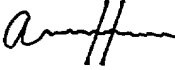

PATH # USED IN THE PROTOTYPE STUDY NOTEBOOK	SILHOUETTE	DEFINITION OF PROFILE
.025		CAPITAL "A" WITH TWO ADJACENT "POLES" (TWO CONSECUTIVE UP STROKES) SOMEWHERE IN THE MIDDLE OF THE WORD --AT LEAST ONE LETTER AWAY FROM THE CAPITAL "A" AND NOT AT THE END.
.043		CAPITAL "A" WITH TWO ADJACENT "POLES" (TWO CONSECUTIVE UP STROKES) AT THE TERMINAL END.
.052		CAPITAL "A" WITH "POLE" FUSED WITH A "HOLE" CREATING A CONTINUOUS LINE THAT BREAKS BOTH THE UPPER AND LOWER HORIZON LINES. --- THIS WOULD RECOGNIZE THE PRESENT DAY CURSIVE LETTER "f" AND COULD ALSO FILTER 18TH CENTURY WORDS FOR THE OLD STYLE "S". <i>f</i>
.092		TERMINAL "f" OR 18TH CENTURY "S" (" <i>f</i> ")
.102		DOUBLE "f" OR DOUBLE 18TH CENTURY "S" LOCATED IN THE MIDDLE OF THE NAME.
.120		DOUBLE TERMINAL "f" OR DOUBLE 18TH CENTURY "S" AT THE END OF THE WORD.

FIG. 2B

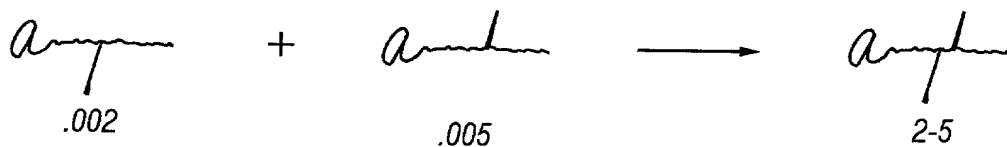


FIG. 3A

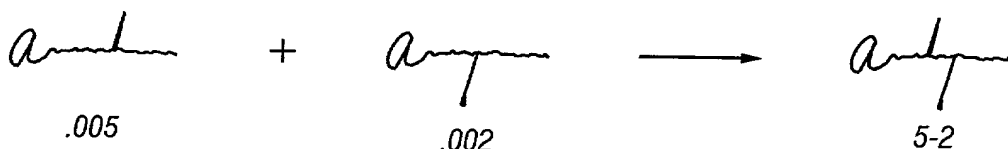


FIG. 3B

"HIGH PROFILE" LETTERS OR "TALLS"	PRIME #	"LOW PROFILE" LETTERS (GOPHERS)	PRIME #	BOTH HIGH AND LOW PROFILE LETTER	PRIME #	FIRST SYLLABLE BLEND	FILE #	DEFINITION
						A---	10.	"A" \ NO HIGH PROFILE IN ADJACENT POSITION
b	1					Ab---	110.	"Ab"-- ONLY ONE HIGH PROFILE LETTER FOLLOWED BY MEDIAN
						Abb---	111.	"ABB"-- TWO HIGH PROFILE LETTERS ADJACENT TO "A"
	2					Ad---	120.	2ND LETTER "HIGH" 3RD LETTER "MEDIAN"
d						Adb--	121.	2 "HIGHS" (d b)
						Add--	122.	2 "HIGHS" (d d)
						Adk--	124.	2 "HIGHS" (d k)
						Adl---	125.	2 "HIGHS" (d l)

FIG. 4

CHENANGO COUNTY, NEW YORK



















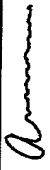


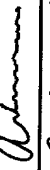
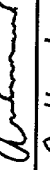

TOWN	PHOTOCOPY OF DOCUMENT (N.Y. TAX ROLLS - 1800)	PATH # (ZIP CODE)	HYBRIDIZATION FACTORS	SILHOUETTE	DIGITIZED NAME
BROOKFIELD					
1	Amos	10.001	-		Amos
2	Anderson William	10.016	5.2		Anderson
3	Anderson William	10.061	5.52		Anderson
4	Allen	155.001	-		Allen
5	Abbey Daniel	111.003	-		Abbey
CAZENOVIA	Alger Oliver	150.002	-		Alger
7	Alger	SAME		SAME	SAME
8	Adams Daniel	120.001	-		Adams
9	Allen William	155.001	-		Allen
10	Anderson William	10.005	-		Anderson
11	Abby Richard	111.003	-		Abby
12	Aldridge Dusty	152.016	5.2		Aldridge
13	Aditt Henry	120.043	-		Aditt
14	Alsworth Jasper	150.043	-		Alsworth
15	Anderson	10.005	-		Anderson
16	Aldridge Joseph	152.016	5.2		Aldridge

FIG. 5A

CHENANGO COUNTY, NEW YORK

TOWN	PHOTOCOPY OF DOCUMENT (N.Y. TAX ROLLS - 1800)	PATH # (ZIP CODE)	HYBRIDIZATION FACTORS	SILHOUETTE	DIGITIZED NAME
17	Arnold Tily	10.043	-		Arnold
18	Alvord Benjamin	150.007	-		Alvord
19	Alvord Ira	SAME	-	SAME	SAME
20	Abell Isber	110.043	-		Abell
21	Annis Oliver	10.001	-		Annis (Amis)
22	Abbot Willard	111.007	-		Abbot (Abbat)
23	Austin Caleb	10.005	-		Austin
24	Aber Williams	110.001	-		Aber
25	Ashard Samuel	10.023	5.7		Ashard *
26	Allerton William	155.005	-		Allerton

* NAME FOUND IN 1800 N.Y. TAX ROLLS, BUT NOT IN WEST L.A. PHONE BOOK
CONSEQUENTLY THIS WOULD NOT HAVE BEEN INCLUDED IN A SPELLCHECK LIST

FIG. 5B

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10.000	10.001	10.002	10.003	10.004	10.005	10.006	10.007	10.008	10.009	10.010
Hybrid #'s		PRIME	PRIME	2-3	PRIME	PRIME	PRIME	2-2	2-5	2-5-3
SILHOUETTE	am	am	am	am	am	am	am	am	am	am
					Acken					
Aaron					Acker	Acevedo	Acret			
Aaronson					Ackerman					
					Ackermann					
Acaas					Ackerson					
Acamon					Acton	Acosta				
Acores					Ainslie					
Aceves					Amber		Amet			
					Ambers		Amick			
Ain			Airey		Ambrose		Amount			
Ainis					Ambrosini					
Airs					Ambrosio					
					Amiani					
Ames	Amcaro	Amey			Amier					
Amies	Amcere	Amery			Amlin					
Amiri					Anastasi		Anisn		Angelino	
Amirian	Amyas				Anderson		Annand		Angeus	
Amis					Andersson		Ansel		Anglin	
Amisss					Andiman				Angsten	
Ammerman					Andrew					

FIG. 6A

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10.000	10.001	10.002	10.003	10.004	10.005	10.006	10.007	10.008	10.009	10.010
PATH #'s		PRIME	PRIME	2-3	PRIME	PRIME	PRIME	2-2	2-5	2-5-3
SILHOUETTE	am	ang	any	arg	and	and	and	arg	arg	arg
	Ammons				Andrews					
	Amos				Andrus					
	Amron				Anker					
					Ankers					
	Anis	Angres			Annakin					
	Anisman		Anning		Anselmo					
	Annis	Anguiano			Anslie					
	Ansin		Ansary		Anstie					
	Anson		Ansay		Antin				Anzalone	
	Ansan				Anton					
	Anwar	Angus								
		Angwin								
	Arenson	Anyan			Arbisser		Arch		Arguenta → 2.3	
	Arias		Arcay		Archie	Ariola	Arnench		Arrington	
	Aris		Arney		Archer	Armenta	Armand			
	Arison				Arden	Arruda	Armond			
			Aronowicz		Ardern					
	Armer	Aragon			Ardmore					
	Armon	Araiza			Arduser					
	Armour	Ariza			Arlen					
	Arnesen				Ascher		Ash			

FIG. 6B

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10.000	10.001	10.002	10.003	10.004	10.005	10.006	10.007	10.008	10.009	10.010
PATH #'s		PRIME	PRIME	2-3	PRIME	PRIME	PRIME	2-2	2-5	2-5-3
SILHOUETTE	<i>a</i>	<i>ay</i>	<i>ay</i>	<i>ay</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>ay</i>	<i>ay</i>	<i>ay</i>
	Aron				Asher					
	Aronson				Ashenan					
	Aronow				Ashman					
	Arrow				Ashmore					
					Ashouri					
	Asimov				Askari					
	Asner				Askin					
					Askew					
	Auer				Aster					
	Aves				Aston				Augustein	
	Avin				Austen	Avila			Augustine	
1/6/99	Avins				Austin		Aveni			

FIG. 6C

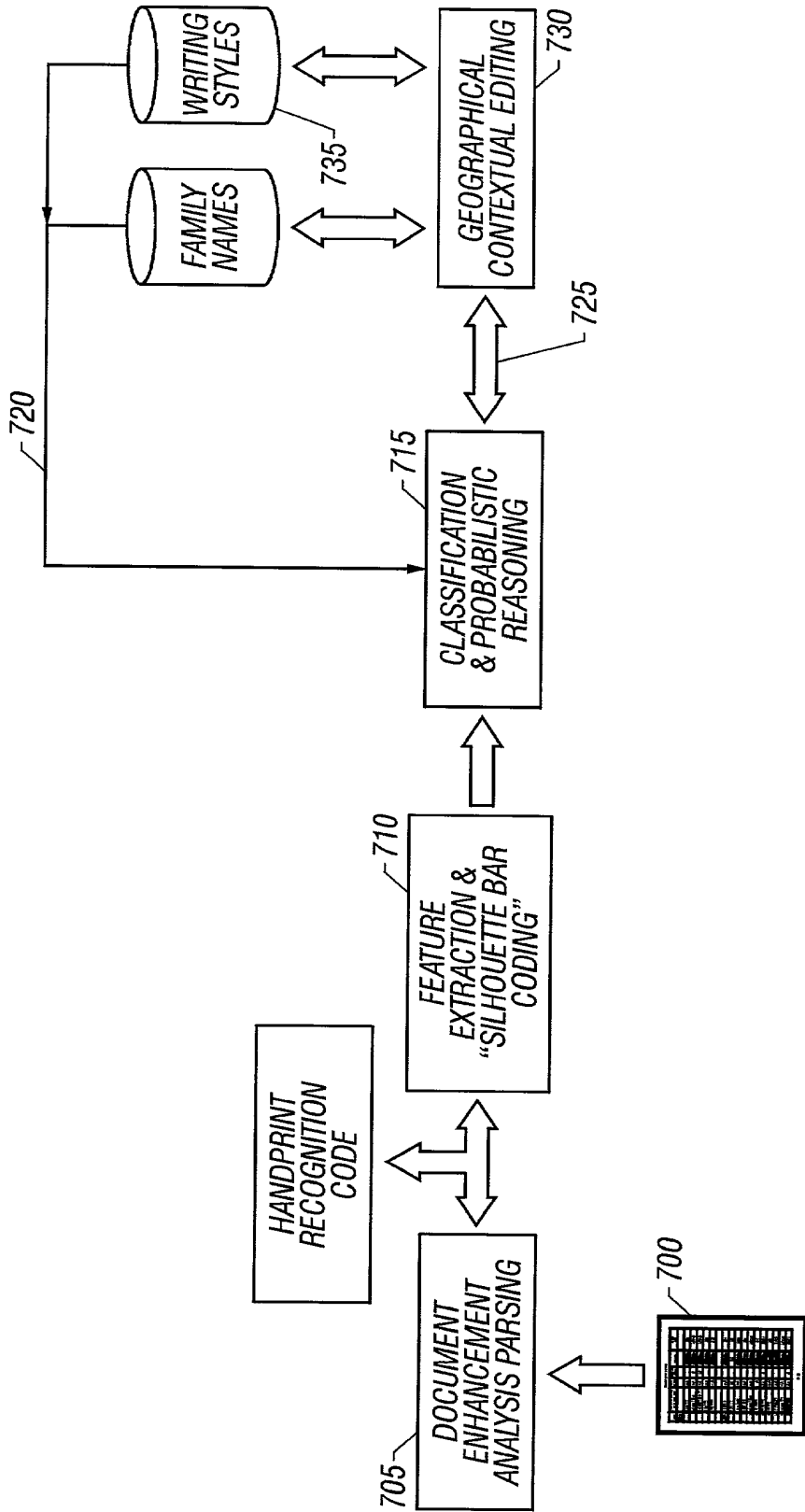


FIG. 7

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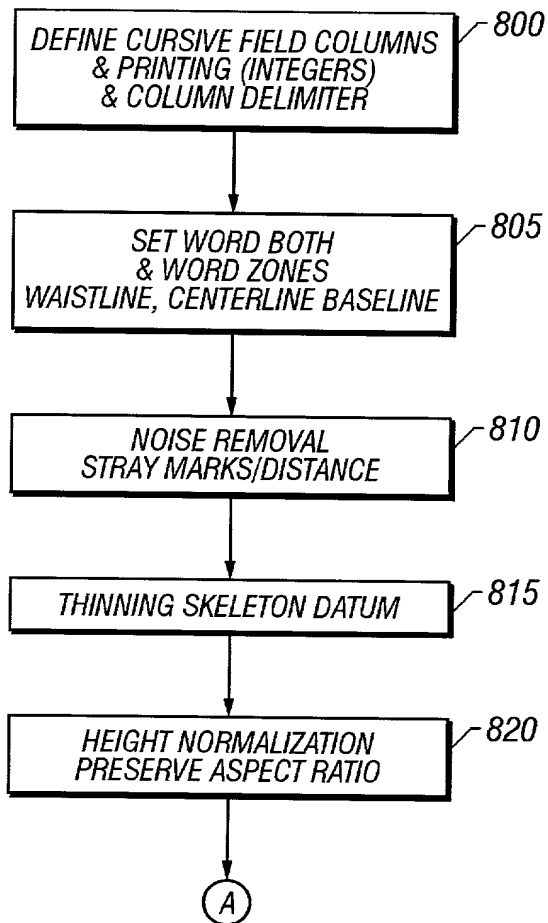


FIG. 8

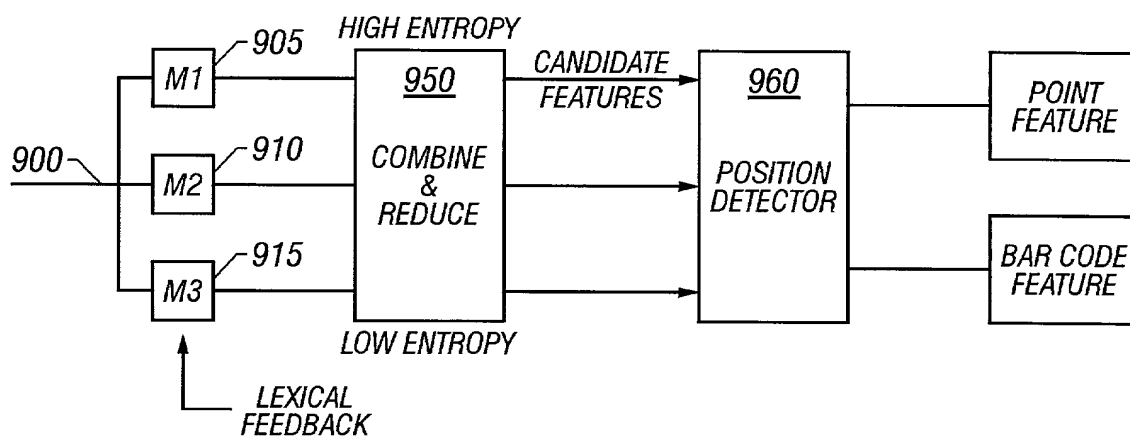


FIG. 9

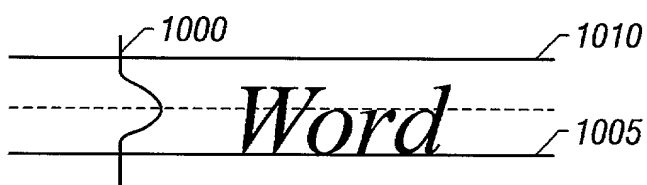


FIG. 10

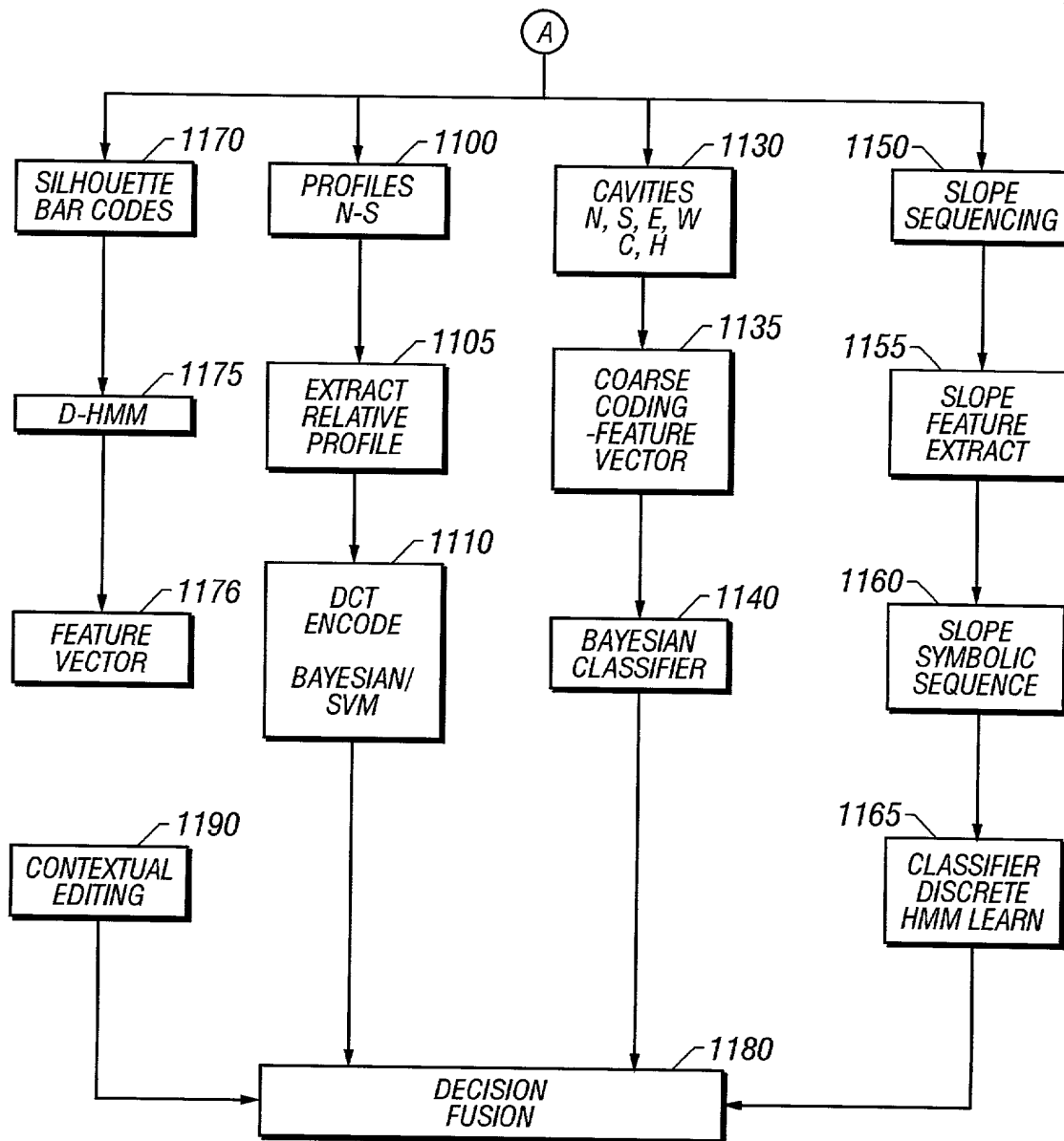


FIG. 11

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Catharine

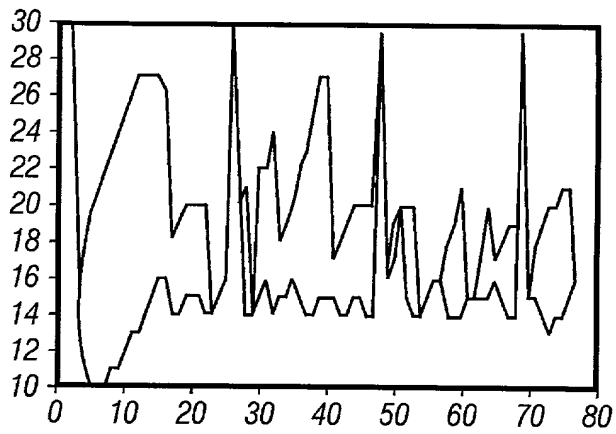
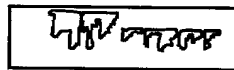


FIG. 12



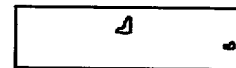
NORTH



WEST



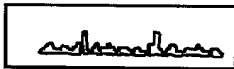
WORD



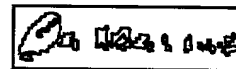
EAST



HOLES



SOUTH



CENTER

FIG. 13